

Claims

- [1] A window type air conditioner comprising:
a case of which one side is positioned at an indoor side and another side is positioned at an outdoor side;
an indoor heat exchanger mounted inside the case positioned at the indoor side thus to be heat-exchanged with the indoor air;
an indoor centrifugal fan opposite to the indoor heat exchanger for generating a blowing force so that the indoor air can pass through the indoor heat exchanger;
an outdoor heat exchanger mounted inside the case positioned at the outdoor side thus to be heat-exchanged with the outdoor air; and
an outdoor centrifugal fan opposite to the outdoor heat exchanger for blowing the outdoor air by a centrifugal force.
- [2] The window type air conditioner of claim 1, wherein the outdoor air suction port is respectively formed at both lateral surfaces of the case positioned at the outdoor side, and the outdoor air discharge port is formed at the rear surface of the case.
- [3] The window type air conditioner of claim 1, wherein the outdoor centrifugal fan is installed in a shroud mounted inside the case positioned at the indoor side, and the shroud is provided with an air guide for guiding air blown from the outdoor centrifugal fan to the outdoor heat exchanger.
- [4] The window type air conditioner of claim 1, wherein the outdoor centrifugal fan is composed of:
a hub connected to a driving motor by a rotational shaft;
blades formed at the outer side of the hub in a circumferential direction with the same interval for generating a blowing force; and
a supporting ring mounted between the blades for supporting the blades.
- [5] A window type air conditioner comprising:
a case of which one side is positioned at an indoor side and another side is positioned at an outdoor side;
an indoor heat exchanger mounted inside the case positioned at the indoor side thus to be heat-exchanged with the indoor air;
an indoor centrifugal fan opposite to the indoor heat exchanger for generating a blowing force so that the indoor air can pass through the indoor heat exchanger;
an outdoor heat exchanger mounted inside the case positioned at the outdoor side

thus to be heat-exchanged with the outdoor air;
an outdoor centrifugal fan opposite to the outdoor heat exchanger for blowing the outdoor air by a centrifugal force; and
a condensing water dispersing unit mounted at the outdoor centrifugal fan for dispersing condensing water collected at the lower surface of the case to the outdoor heat exchanger.

- [6] The window type air conditioner of claim 5, wherein the condensing water dispersing unit is composed of a dispersion ring connected to the outdoor centrifugal fan thus to be rotated together for dispersing the condensing water.
- [7] The window type air conditioner of claim 6, wherein the dispersion ring is connected to a hub of the outdoor centrifugal fan by a supporting ring.
- [8] The window type air conditioner of claim 6, wherein the dispersing ring is respectively connected to the blades of the outdoor centrifugal fan by the supporting ring thus to form a ring shape.